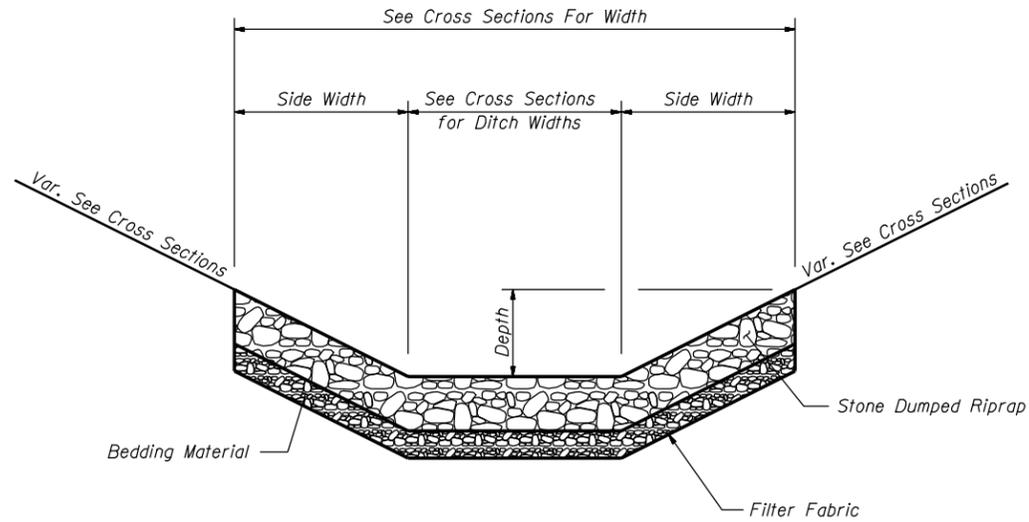
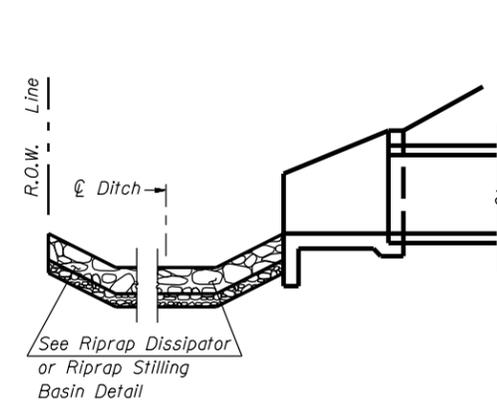


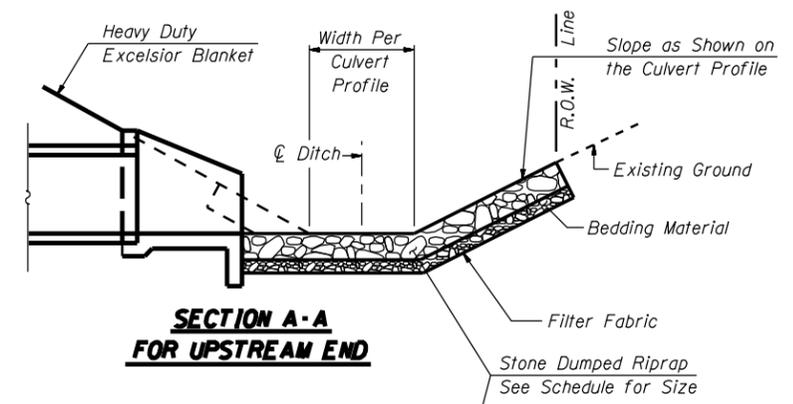
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
315	34-5	HANCOCK	612	294
STA.		TO STA.		
FED. ROAD DIST. No.	ILLINOIS	FED. AID PROJECT		



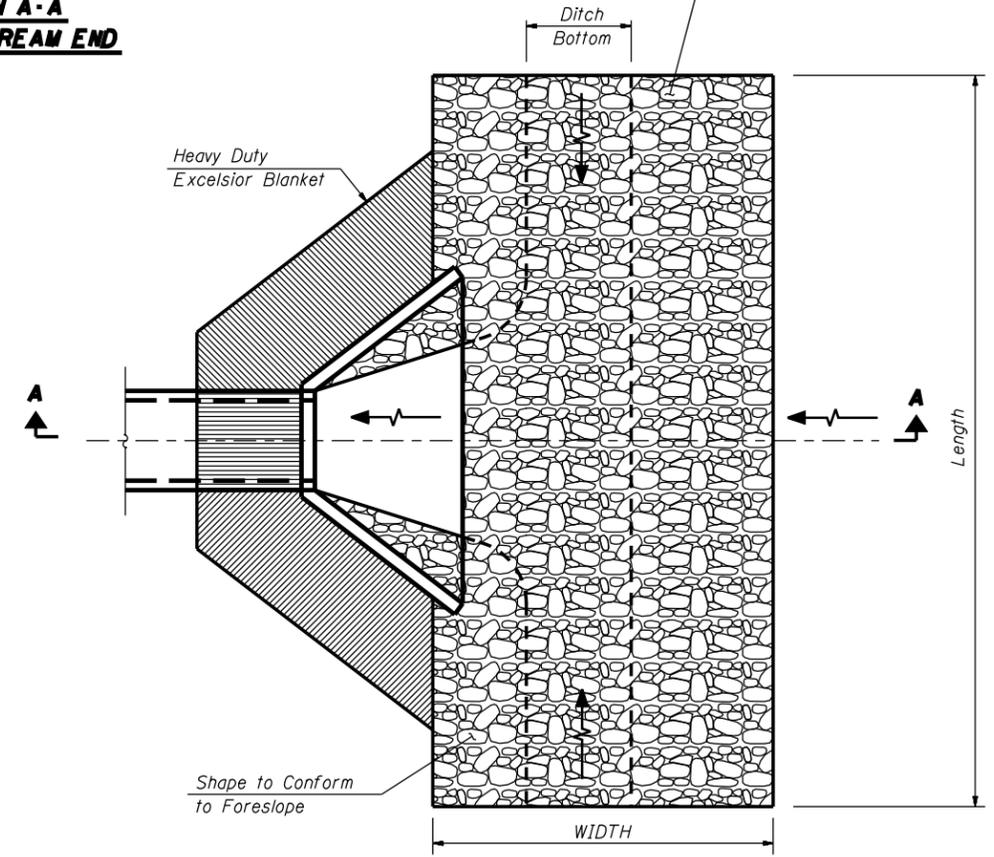
TYPICAL STONE RIPRAP - DITCH LINING



SECTION A-A FOR DOWNSTREAM END



SECTION A-A FOR UPSTREAM END



RIPRAP AT INLET ENDS OF CULVERTS PLAN

DEPTH	SIDE WIDTH	
	1:3 SLOPE	1:6 SLOPE
6"	1.5'	3.0'
12"	3.0'	6.0'
18"	4.5'	9.0'
24"	6.0'	12.0'

Note:
In Transitional Areas, Side Width Will Vary According to Side Slope

GRADATION	MIN. THICKNESS	BEDDING THICKNESS
RR3	12"	---
RR4	12"	6"
RR5	18"	6"
RR7	24"	8"

RIPRAP AT INLET ENDS

STATION	LT/RT	LENGTH	WIDTH	TYPE	TON
1253+60	LT	24.00	63.00	RR5	147.0
1298+68	LT	40.00	30.00	RR4	77.8
1301+70	LT	40.00	30.00	RR4	77.8
1304+26	LT	40.00	40.00	RR4	103.7
1308+21	LT	40.00	08.00	RR4	20.7

NOTES

The Exact Length, Width and Depth for Riprap Placement will be Determined by the Engineer.

The Riprap Material shall Conform to Class A or Class B Quality.

Filter Fabric will be Paid for at the Contract unit price Per Square Yard for Filter Fabric For Use With Riprap.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RIPRAP DETAILS

SCALE:
DATE: MARCH 10, 2006

DRAWN BY: RG
CHECKED BY: JAC